

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035470.D
 Acq On : 28 Jun 2018 7:52
 Operator : JU/SJ
 Sample : J3048-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: Jun 28 08:42:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50132	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	185186	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131140	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	336392	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	382200	20.00	ng	-0.03
86) Perylene-d12	24.90	264	336568	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	402061	135.35	ng	-0.01
7) Phenol-d6	7.21	99	532822	121.53	ng	-0.01
23) Nitrobenzene-d5	9.22	82	423300	108.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	232427	138.45	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	979153	97.06	ng	-0.03
78) Terphenyl-d14	20.03	244	1724296	94.50	ng	-0.02

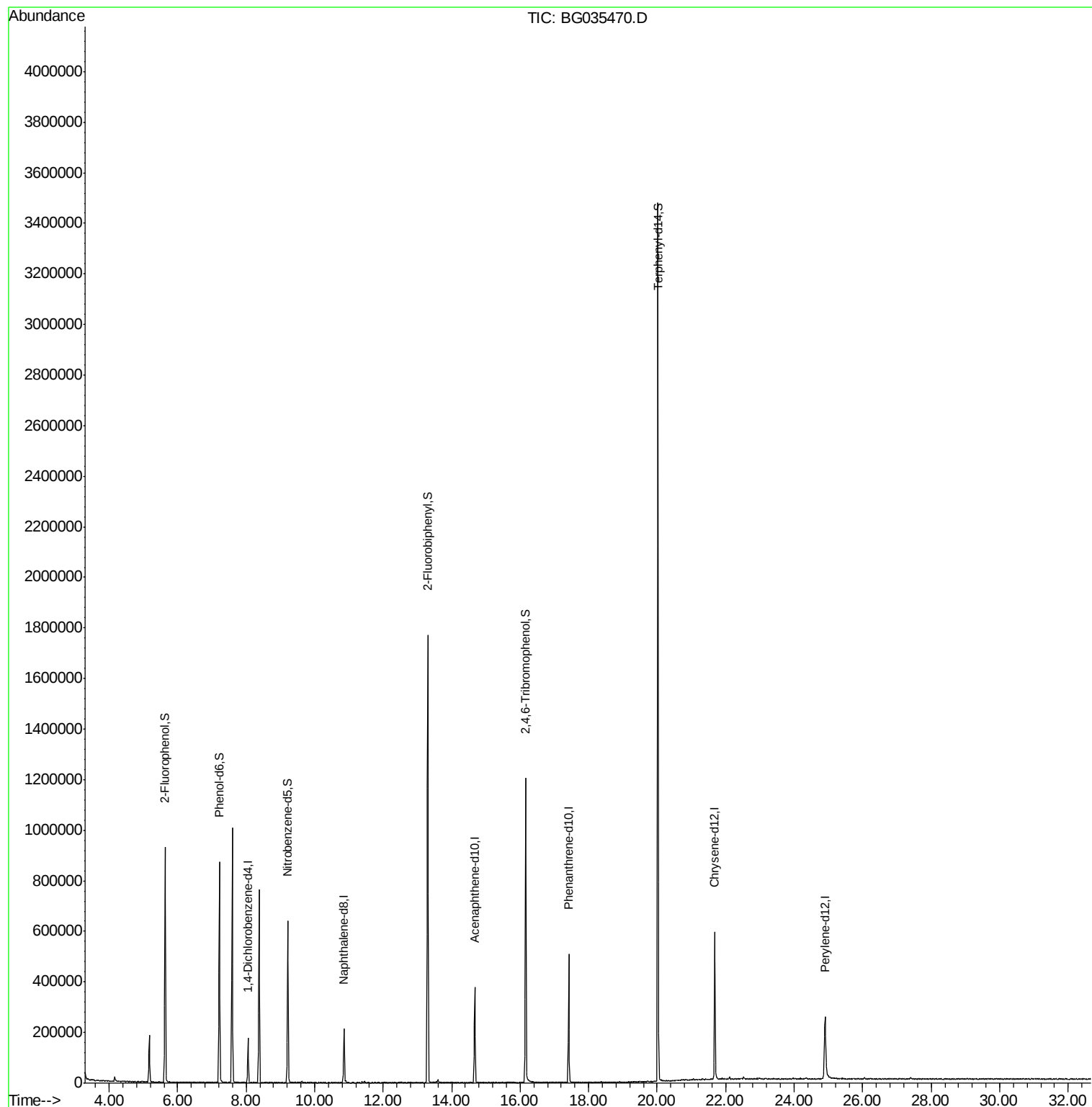
Target Compounds Qvalue

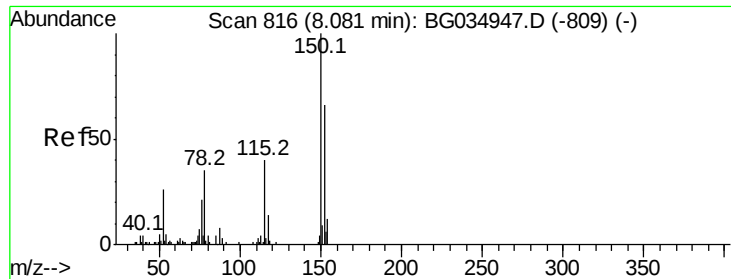
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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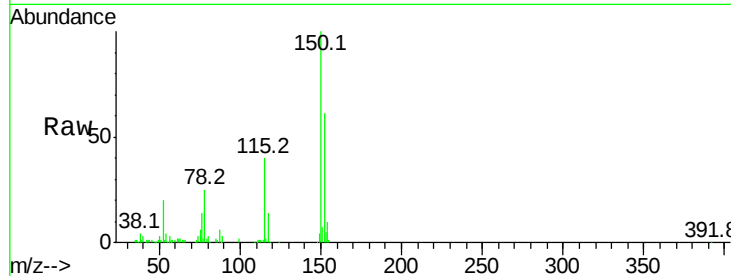


#1

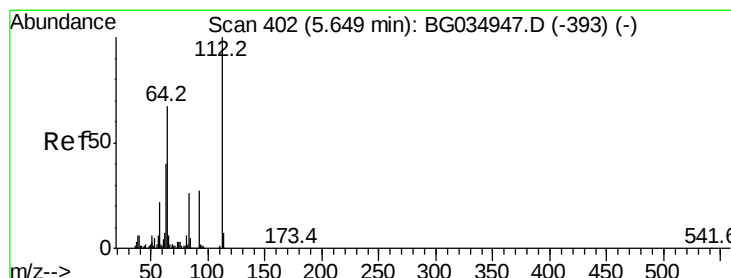
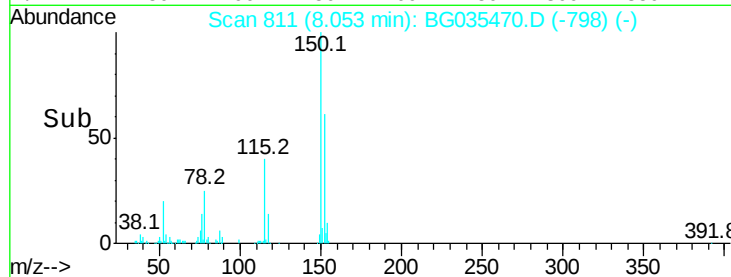
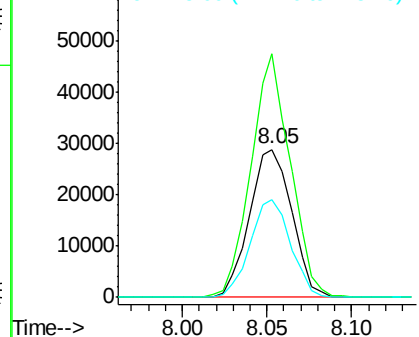
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	189.8
115	65.6	53.0	79.4



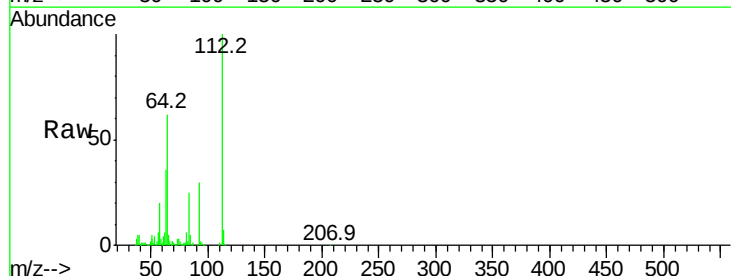
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



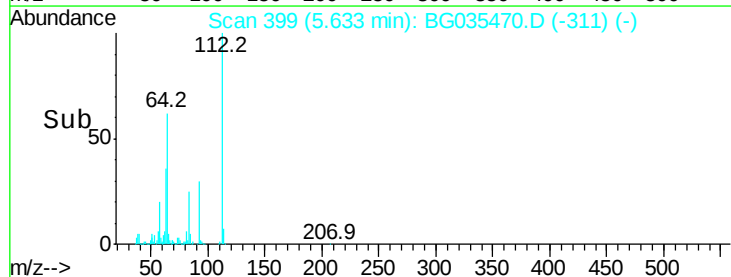
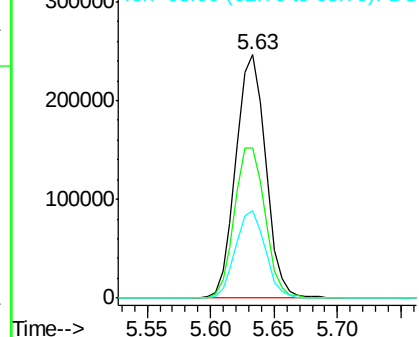
#5

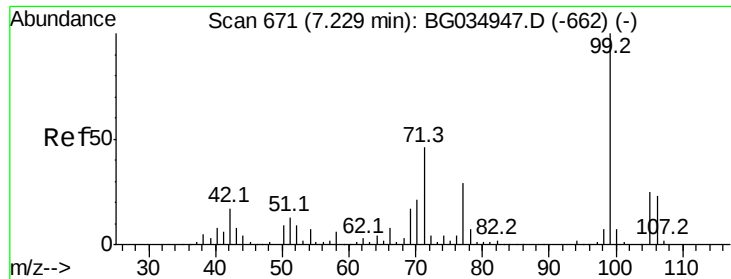
2-Fluorophenol
Concen: 135.347 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	35.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.526 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035470.D

Acq: 28 Jun 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-2-D

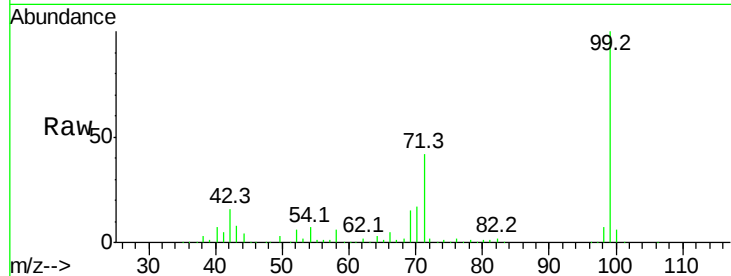
Tot Ion: 99 Resp: 532822

Ion Ratio Lower Upper

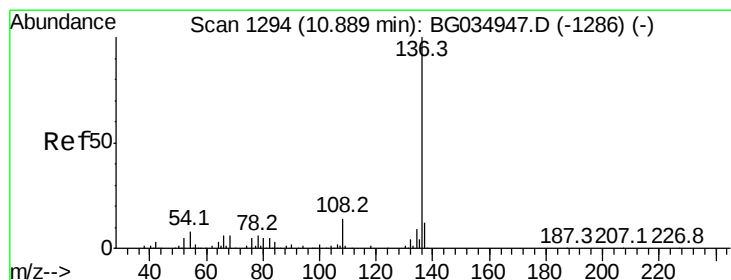
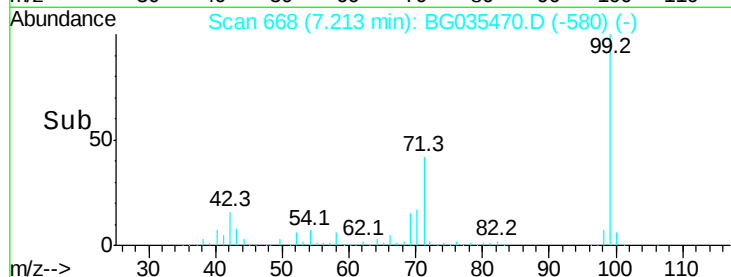
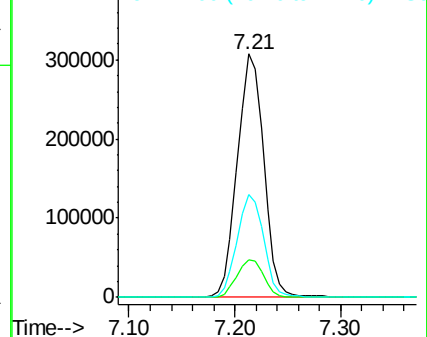
99 100

42 15.6 14.1 21.1

71 42.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035470.D

Acq: 28 Jun 2018 7:52

Tgt Ion: 136 Resp: 185186

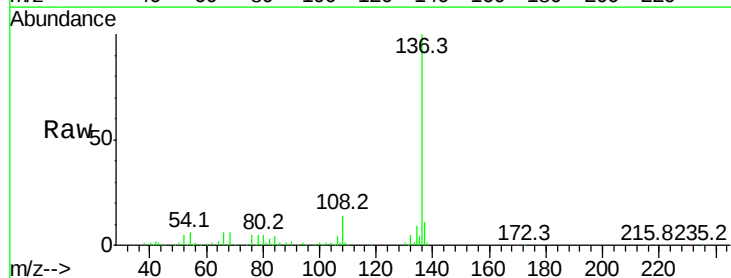
Ion Ratio Lower Upper

136 100

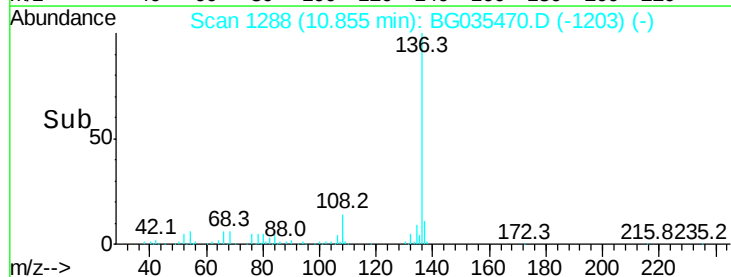
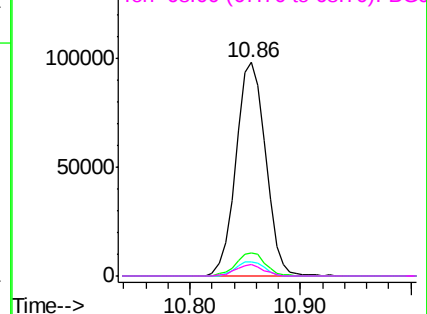
137 10.6 9.2 13.8

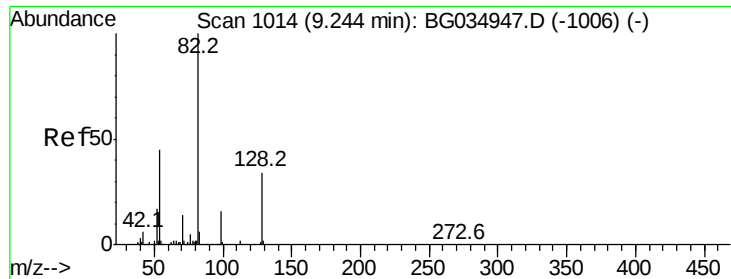
54 6.3 10.3 15.5#

68 5.6 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

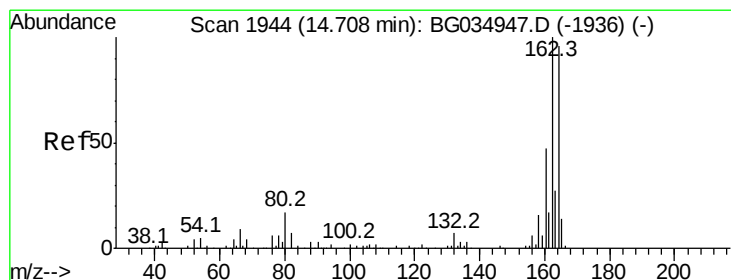
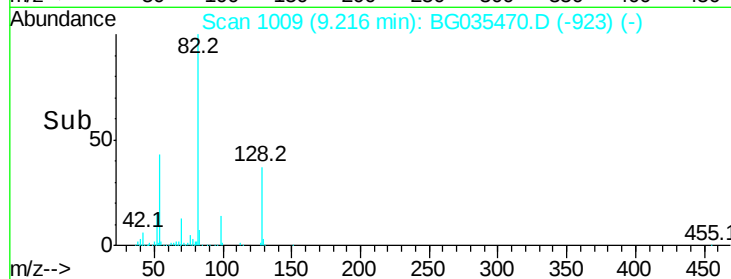
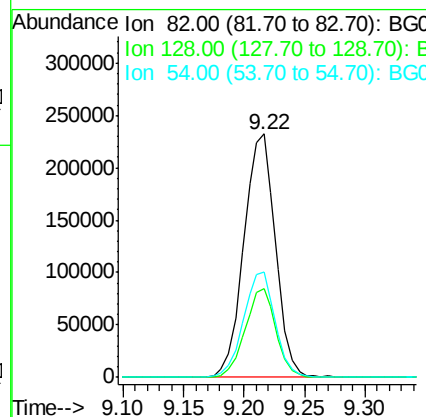
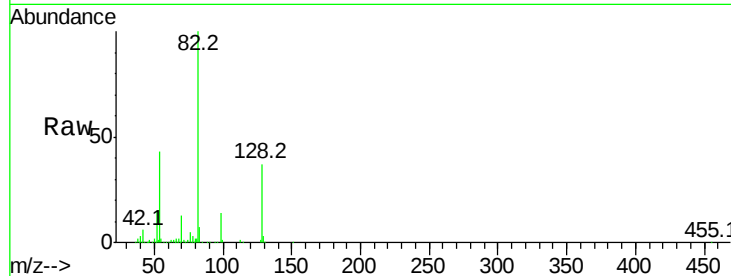




#23
Nitrobenzene-d5
Concen: 108.654 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

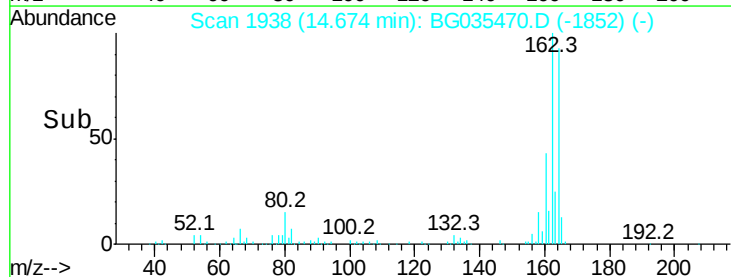
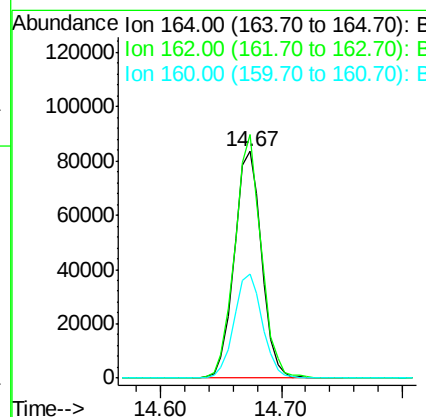
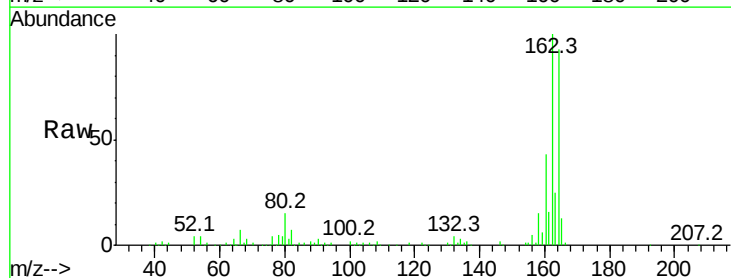
Instrument :
BNA_G
ClientSampleId :
TP-2-D

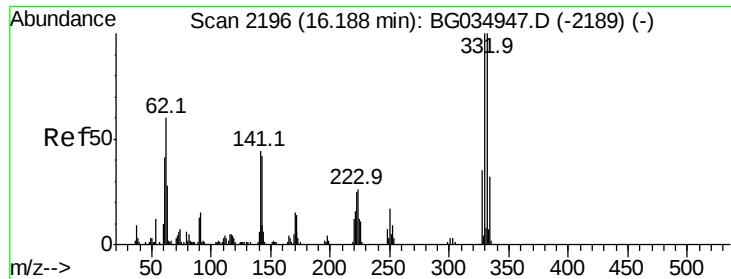
Tot Ion	82	Resp	423300
Ion Ratio	100	Lower	Upper
128	36.6	29.7	44.5
54	43.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion	164	Resp	131140
Ion Ratio	100	Lower	Upper
162	107.4	78.8	118.2
160	46.2	35.4	53.0

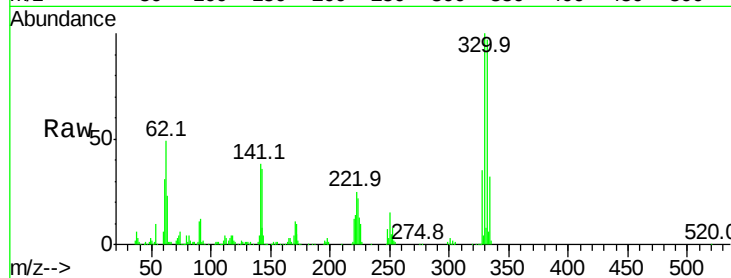




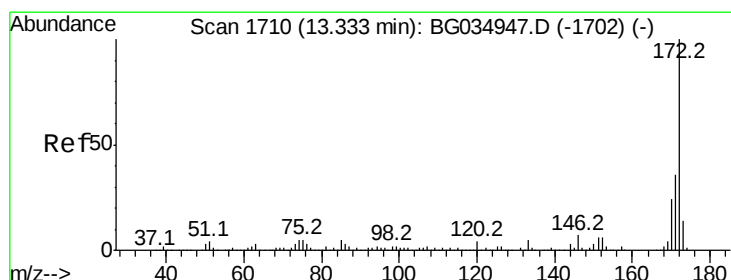
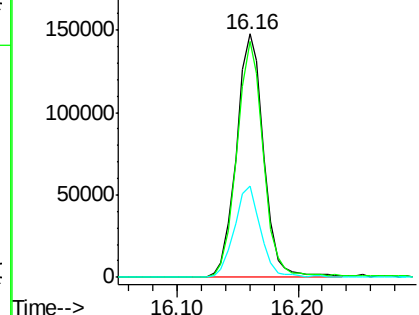
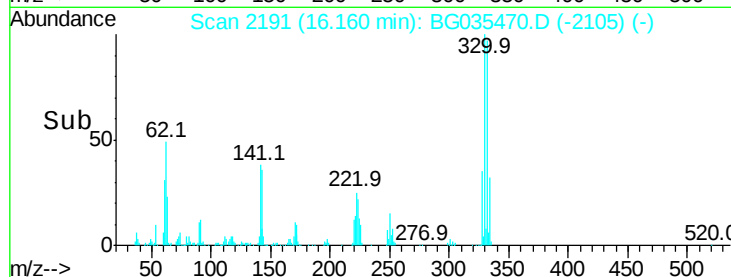
#41
 2,4,6-Tribromophenol
 Concen: 138.452 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035470.D
 Acq: 28 Jun 2018 7:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tot Ion:330 Resp: 232427
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 36.7 25.2 37.8

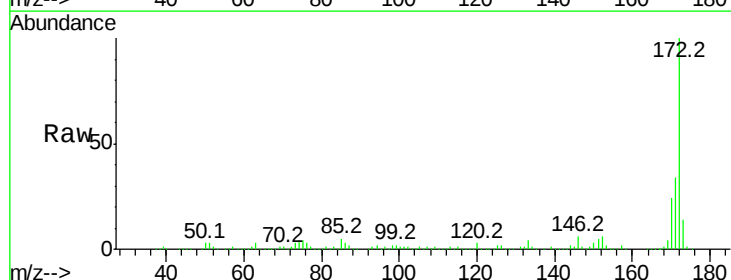


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

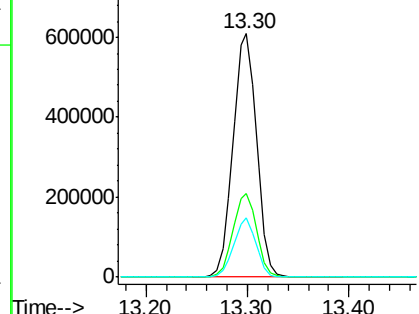
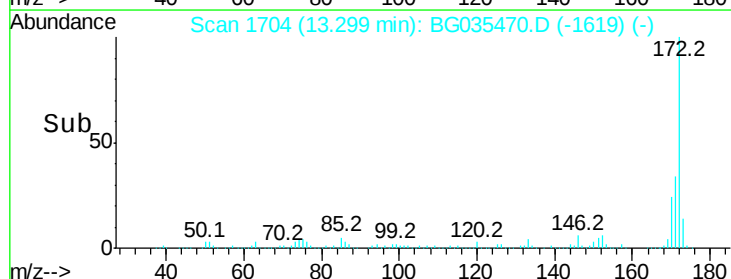


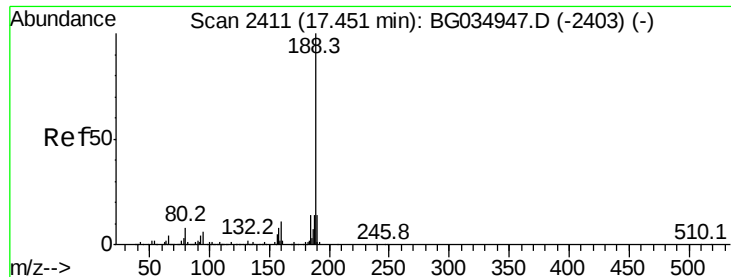
#44
 2-Fluorobiphenyl
 Concen: 97.064 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035470.D
 Acq: 28 Jun 2018 7:52

Tgt Ion:172 Resp: 979153
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 24.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

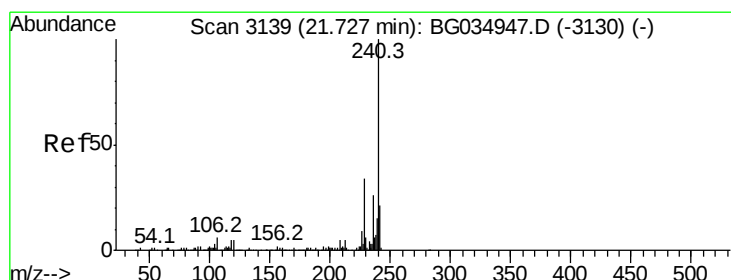
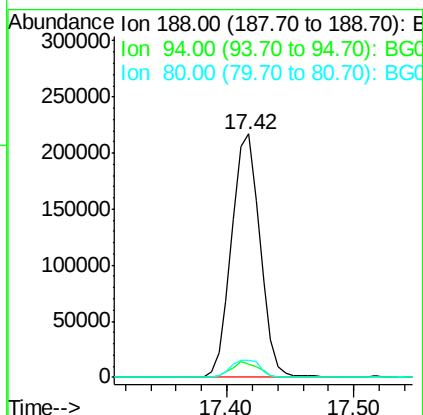
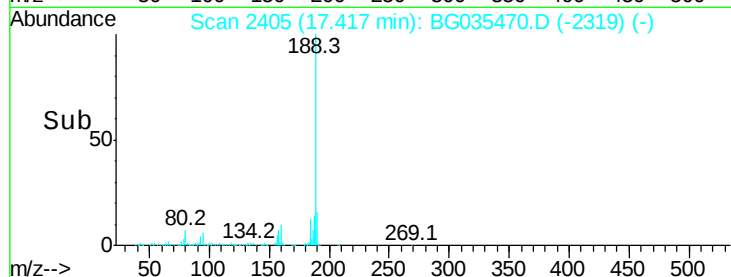
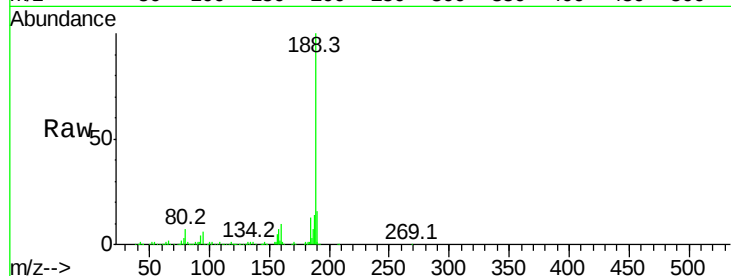




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

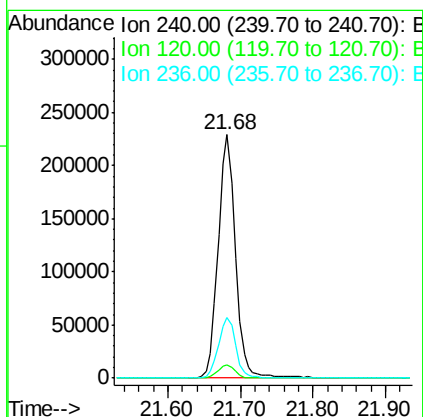
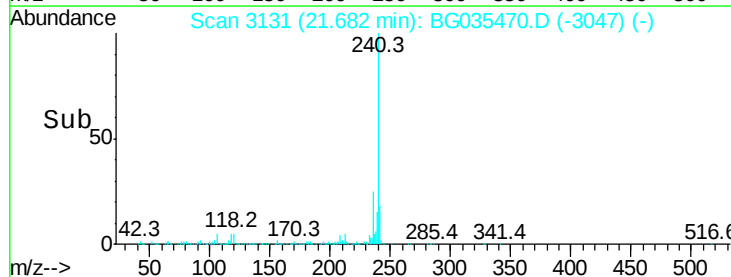
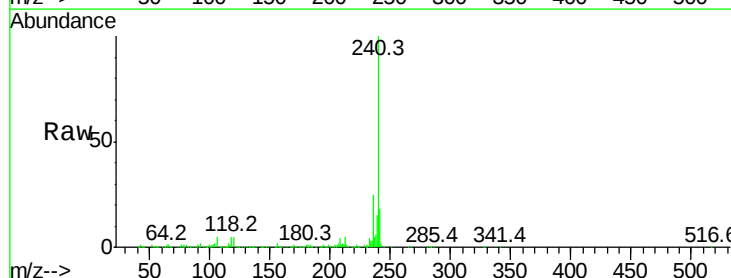
Instrument :
BNA_G
ClientSampleId :
TP-2-D

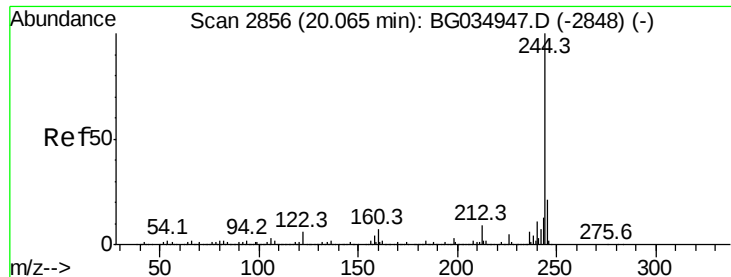
Tot Ion:188 Resp: 336392
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:240 Resp: 382200
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 94.501 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035470.D

Acq: 28 Jun 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-2-D

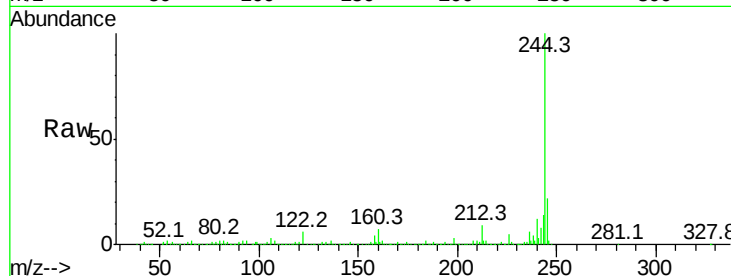
Tot Ion:244 Resp: 1724296

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

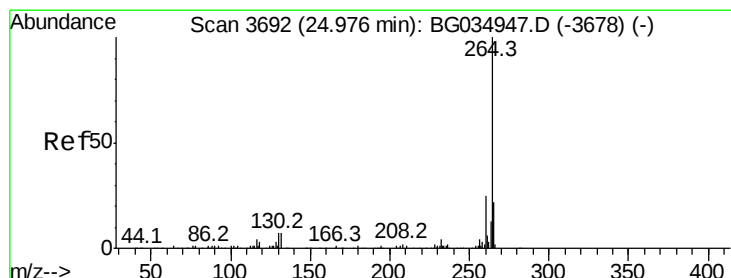
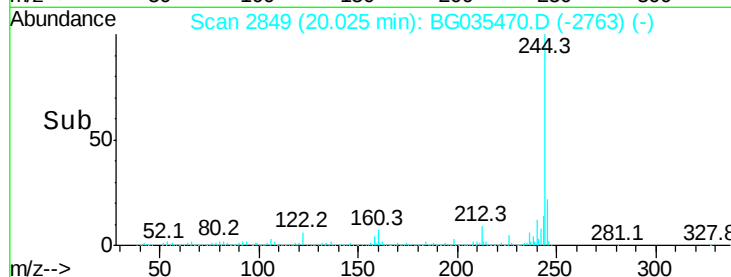
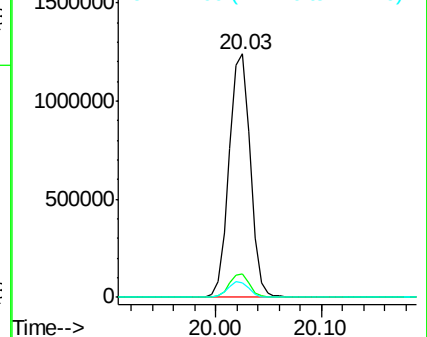
122 6.0 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035470.D

Acq: 28 Jun 2018 7:52

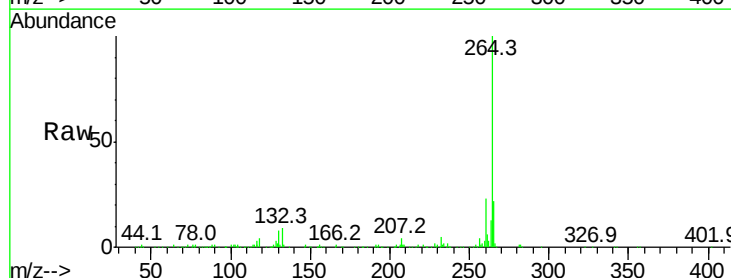
Tgt Ion:264 Resp: 336568

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

